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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant : Powell, et al.
Application No. : 10/039,517
Filed : January 3, 2002
Title : SYSTEM AND DEVICE INCLUDING BARRIER LAYER
Docket : MIO 0059 V2
Examiner : D. Le
Art Unit : 2818

CERTIFICATE OF FACSIMILE TRANSMISSION
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark
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Julie Cope
Julie C. Cope Reg. No. 48,624

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Assistant Commissioner of Patents and Trademarks
Washington DC 20231

NOV 22 2002

Sir:

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SUPPLEMENTAL AMENDMENT

This paper is being filed as a supplemental response to the office action mailed on August 26, 2002. An amendment was filed on October 29, 2002 that is fully responsive to the rejections stated in the office action mailed on August 26, 2002. This supplemental amendment seeks to add new claims, that do not add any new matter, and show the patentability of the new claims over the cited prior art. Entry of this amendment is requested.

CLEAN VERSION OF THE AMENDMENTS

(A version of these amendments with markings to show the changes is attached to this paper as a separate Appendix)

61. (New) A device having a precursor layer comprising:

12/09/2002 AMISE1 00000004 10/039,517
01 FC:1201
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a first semiconductor substrate including at least one semiconductor layer;
a first semiconductor device fabricated proximate to said substrate; and
a metal-free silicon-containing precursor layer formed over at least a portion of
said first semiconductor device.

62. (New) The device of claim 61, wherein the silicon precursor layer comprises a silazane.

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 924.00**Complete if Known****FAX RECEIVED**

Application Number 10/039,517

Filing Date January 3, 2002

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First Named Inventor Don Carl Powell

Examiner Name Dung Anh Le

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Group Art Unit 2818

Attorney Docket No. MIO 0059 V2

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity / Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) -0-**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims 45 - 31** = 14 x 18 = 252

Independent Claims 20 - 12** = 8 x 84 = 672

Multiple Dependent _____ = -0-

Large Entity / Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 924.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity / Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 820	217 400	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.128(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
189 900	189 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) -0-**SUBMITTED BY**

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Date 11/22/2002

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FACSIMILE COVER SHEET**TO: Examiner Dung Anh Le, Art Unit 2818**Company: Assistant Commissioner for Patents
Fax No.: 703/308-7722**FROM: Julie G. Cope, Reg. No. 48,624/amm**

Date: November 22, 2002

Pages: 11

(including cover page)

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